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1c759 U.S. PTO

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

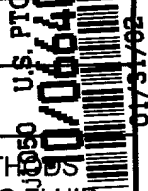
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Application Number	Not yet assigned
First Inventor	Ronald E. Pelrine
Title	DEVICES AND METHODS FOR CONTROLLING FLUID FLOW USING ELASTIC SHEET DEFLECTION
Attorney Docket Number	8500-0267



## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/><i>(Submit an original and a duplicate for fee processing)</i></li> <li>2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</li> <li>3. <input checked="" type="checkbox"/> Specification [<i>Total Pages</i> <u>43</u> ]<br/><i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </li> <li>4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> [<i>Total Sheets</i> <u>6</u> ]</li> <li>5. <input checked="" type="checkbox"/> Oath or Declaration [<i>Total Pages</i> <u>4</u> ] (unexecuted) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/><i>(for continuation/divisional with Box 17 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </li> <li>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</li> </ul> | <ul style="list-style-type: none"> <li>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></li> <li>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </li> </ul> |
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## ACCOMPANYING APPLICATION PARTS

- 9.  Assignment Papers (cover sheet & document(s))
- 10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
- 11.  English Translation Document *(if applicable)*
- 12.  Information Disclosure  Copies of IDS  
Statement (IDS)/PTO-1449 Citations
- 13.  Preliminary Amendment
- 14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
- 15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
- 16.  Other: \_\_\_\_\_

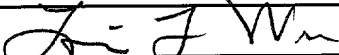
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: \_\_\_\_\_


Prior application information:      Examiner: \_\_\_\_\_      Group / Art Unit: \_\_\_\_\_

This application claims priority to Provision Application Serial No. \*, filed \*.

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number of Bar Code Label	<b>23980</b>			or <input type="checkbox"/> Correspondence address below	
(Insert Customer No. or Attach bar code label here)					
Name	Louis L. Wu				
Address	REED & ASSOCIATES				
	800 Menlo Avenue, Suite 210				
City	Menlo Park	State	CA	Zip Code	94025
Country	USA	Telephone	(650) 330-0900	Fax	(650) 330-0980
Name (Print/Type)	Louis L. Wu	Registration No. (Attorney/Agent)	44,413		
Signature				Date	Jan 31, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, Box Patent Application, Washington, DC 20231.

CERTIFICATE OF MAILING OR TRANSMISSION			
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to "Commissioner for Patents, Box Patent Application, Washington, DC 20231."			
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Signature		Date	01-31-02

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(Modified) PTO/SB/05 (12/97)

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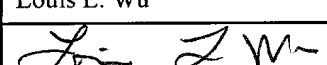
Date of Deposit: January 31, 2002

Type/Printed Name of Person Mailing Paper or Fee: Sam Pen

Signature of Person Mailing Paper or Fee: 

<b>FEE TRANSMITTAL</b>  <i>Note: Effective October 1, 1997. Patent fees are subject to annual revision.</i>	<b>Complete if Known</b>		
	Application Number	Not Assigned Yet	
	Filing Date	Filed Herewith	
	First Named Inventor	Ronald E. Pelrine	
	Group Art Unit	Not Assigned Yet	
	Examiner Name	Not Assigned Yet	
<b>TOTAL AMOUNT OF PAYMENT</b>	\$1,114.00	Attorney Docket Number	8500-0267

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																													
1. <input type="checkbox"/> The commissioner is hereby authorized to charge any additional fees and credit any overpayments to: Deposit Account No.: Deposit Account Name: REED & ASSOCIATES  <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Due</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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<b>SUBMITTED BY</b>				Complete (if applicable)			
Typed or Printed Name	Louis L. Wu			Reg. Number	44,413		
Signature				Date	Jan 31, 2002		Deposit Account